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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/674,493

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Hideo Ikeno

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EXAMINER

HUNTSINGER, PETER K

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

11/22/2011

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/674,493	<b>Applicant(s)</b> IKENO, HIDEO	
	<b>Examiner</b> Peter K. Huntsinger	<b>Art Unit</b> 2625	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 April 2011.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 5) ☒ Claim(s) 19,23,26,28,30,31 and 33-36 is/are pending in the application.
- 5a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 6) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 7) ☒ Claim(s) 19,23,26,28,30,31 and 33-36 is/are rejected.
- 8) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 12) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____.                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____.  | 6) <input type="checkbox"/> Other: ____.                          |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed 3/2/11 have been fully considered but they are not persuasive.

The Applicant argues on page 14 of the response in essence that:  
Streepy, Jr. '646 does not disclose selecting, via a graphical user interface, a choice from displaying any one of multiple display names or not displaying any display name, for each of the plurality of printing languages which are allowed to use the resources, thus permitting a user to selectively display resources for selection by a user for later operations on those resources.

a. Streepy, Jr. '646 discloses selecting, via a graphical user interface (col. 1, lines 44-54, A graphical user interface ("GUI") is also provided with which a user can easily navigate in order to use and maintain the terminology content), a choice from displaying any one of multiple display names (col. 23, lines 5-25, the user commences a name assignment process in block 905 in which they can import terms in block 940) or not displaying any display name (col. 23, lines 26-36, retired terms can be shown or hidden), for each of the plurality of languages which are allowed to use the resources (col. 8, lines 5-28, the localized display name is specific to a given language local). Scheidig '565 discloses the plurality of printing languages which are allowed to use the resources (Fig. 2a, col. 5, lines 36-42, language-dependent parameters 11).

***Claim Objections***

2. Claim 19 is objected to because of the following informalities: The references to "the multiple display names" in lines 16 and 23 should be replaced with "the plurality of display names". Lines 25 and 26 should be replaced with "wherein the printer processes image data by using the transmitted resource, and". Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 19, 23, 26, 28 and 30-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nguyen Patent 6,825,941, and further in view of Scheidig Patent 6,603,565 and Streepy, Jr. Patent 7,120,646

Referring to **claim 19**, Nguyen '941 discloses a data processing apparatus, which communicates with a printer that processes image data by using a resource retained in memory, comprising:

retention means for retaining the resource containing data of the resource which is utilized in image processing on the printer (col. 8, lines 4-25, modules that modify the output data stream sent to the printer); and

transmitting means for transmitting the resource to the printer in response to a transmission instruction input via the graphical user interface (col. 9, lines 30-48, the OEM presents an UI to display the features and send appropriate data to the printer),

wherein the printer processes image data by using the transmitted resource (col. 8, lines 4-25, Any particular printer may use some or all of these modules' functionality as desired by the OEM).

Nguyen '941 does not disclose expressly retaining information indicative of each printer language which can use the resource.

Scheidig '565 discloses a data processing apparatus, which communicates with a printer capable of interpreting a plurality of printing languages (col. 2, lines 30-47, data of different printer languages is processed by the printer system), the resource being used for the plurality of printing languages (Fig, 2a, col. 5, lines 36-42, language-dependent parameters 11),

wherein the resource is for said plurality of printing languages (Fig, 2a, col. 5, lines 36-42, language-dependent parameters 11); and

wherein the printer interprets the plurality of printing languages (Fig, 2a, col. 5, lines 36-42, language-dependent parameters 11).

At the time of the invention, it would have obvious to a person of ordinary skill in the art to retain information indicative of each printer language which can use the resource. The motivation for doing so would have been to allow the printer to switch relatively simply between setup settings of various types and to thereby retain the compatibility with various printer languages.

Art Unit: 2625

Nguyen '941 does not disclose expressly having multiple display names for the resource.

Streepy, Jr. '646 discloses input means for inputting, via a graphical user interface (col. 1, lines 44-54, A graphical user interface ("GUI") is also provided with which a user can easily navigate in order to use and maintain the terminology content), a plurality of display names of the resource retained by said retaining means (col. 8, lines 5-28, each meta-model component can have multiple display names associated with it);

selecting means for selecting, via the graphical user interface, a choice from displaying any one of multiple display names (col. 23, lines 5-25, the user commences a name assignment process in block 905 in which they can import terms in block 940) or not displaying any display name (col. 23, lines 26-36, retired terms can be shown or hidden), for each of the plurality of languages which are allowed to use the resources (col. 8, lines 5-28, the localized display name is specific to a given language local);

setting means for setting, to the resource retained by said retention means, the multiple display names inputted by said input means and name-use information indicative of correspondence between said plurality of languages and display names selected to be corresponding to each of the plurality of printing languages by said selecting means (col. 22, lines 10-15, block 934 of Fig. 9 allows the user to modify a term),

wherein the multiple display names and the name-use information are set to the resource (col. 12, lines 49-67, terms 124 are organized within language locales).

At the time of the invention, it would have obvious to a person of ordinary skill in the art to utilize multiple display names for one resource. The motivation for doing so would have been to provide access to provide a system open to extension and enhancement by the end user. Therefore, it would have been obvious to combine Scheidig '565 and Streepy, Jr. '646 with Nguyen '941 to obtain the invention as specified in claim 19.

Referring to **claims 23, 30, and 33**, Nguyen '941 discloses wherein the resource is a font resource used in printing, a form resource for forming an image by being superimposed on print data at the time of printing, a color-profile resource that expresses color space of an input/output device, a look-up-table resource, which is a conversion table for color correction in color processing, or a dither-pattern resource, which is pattern data for deciding expression of color in color (col. 8, lines 64-65, font and raster modules).

Referring to **claims 26, 28 and 31**, Nguyen '941 discloses a data processing apparatus, which communicates with an image processing apparatus that processes image data by using a resource retained in memory, comprising:

a retention unit constructed to retain the resource containing data of the resource which is utilized in image processing (col. 8, lines 4-25, modules that modify the output data stream sent to the printer); and

a transmitting unit constructed to transmit the resource to the image processing apparatus in response to a transmission instruction input via the graphical user interface, wherein the resource is retained by said retention means (col. 9, lines 30-48,

Art Unit: 2625

the OEM presents an UI to display the features and send appropriate data to the printer),

wherein the image processing apparatus processes image data by using the resource (col. 8, lines 4-25, Any particular printer may use some or all of these modules' functionality as desired by the OEM).

Nguyen '941 does not disclose expressly retaining information indicative of each printer language which can use the resource.

Scheidig '565 discloses a data processing apparatus, which communicates with an image processing apparatus capable of interpreting a plurality of printing languages (col. 2, lines 30-47, data of different printer languages is processed by the printer system), the resource being used for the plurality of printing languages (Fig, 2a, col. 5, lines 36-42, language-dependent parameters 11), and

wherein the image processing apparatus interprets the plurality of printing languages (Fig, 2a, col. 5, lines 36-42, language-dependent parameters 11).

At the time of the invention, it would have obvious to a person of ordinary skill in the art to retain information indicative of each printer language which can use the resource. The motivation for doing so would have been to allow the printer to switch relatively simply between setup settings of various types and to thereby retain the compatibility with various printer languages.

Nguyen '941 does not disclose expressly having multiple display names for the resource.



Streepy, Jr. '646 discloses retaining a resource containing display names (col. 8, lines 5-28, each meta-model component can have multiple display names associated with it),

an input unit constructed to input, via a graphical user interface, multiple display names of the resource retained by said retaining means (col. 8, lines 5-28, each meta-model component can have multiple display names associated with it);

a selecting unit constructed to select, via the graphical user interface, a display name corresponding to each of said plurality of a languages from among the multiple display names input by said input means (col. 22, lines 10-15, block 932 of Fig. 9 allows the user to add a term) (col. 12, lines 49-67, terms 124 are organized within language locales);

a setting unit constructed to set, to the resource retained by said retention means, the multiple display names inputted by said input means and name-use information indicative of correspondence between said plurality of languages and display names selected to be corresponding to each of the plurality of printing languages by said selecting means (col. 22, lines 10-15, block 934 of Fig. 9 allows the user to modify a term),

wherein the multiple display names and the name-use information are set to the resource (col. 12, lines 49-67, terms 124 are organized within language locales).

At the time of the invention, it would have obvious to a person of ordinary skill in the art to utilize multiple display names for one resource. The motivation for doing so would have been to provide access to provide a system open to extension and

Art Unit: 2625

enhancement by the end user. Therefore, it would have been obvious to combine Scheidig '565 and Streepy, Jr. '646 with Nguyen '941 to obtain the invention as specified in claims 26, 28 and 31.

5. Claims 34-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nguyen Patent 6,825,941, Scheidig Patent 6,603,565 and Streepy, Jr. Patent 7,120,646 as applied to claims 19, 28 and 31 above, and further in view of Vidyanand Patent 6,967,728.

Referring to **claim 34**, Streepy, Jr. '646 discloses display means (col. 22, lines 10-15, the resultant menu displays show options as: show concept properties and add concept properties) for referring to the name-use information set to the obtained resources to display a list of the resources by using the display name corresponding to a language to be used (col. 12, lines 49-67, terms 124 are organized within language locales),

wherein, when the plurality of resources obtained by said obtaining means includes a resource for which a choice is selected by said selection means that any display name is not displayed, the display means displays a list not including the resource (col. 23, lines 26-36, retired terms can be shown or hidden).

Scheidig '565 does not disclose expressly obtaining the resource from the image processing apparatus.

Vidyanand '728 discloses obtaining means for obtaining the resources from the image processing apparatus (col. 8, lines 12-18, the settings submenu 98 includes controls for exporting 32 (FIG. 1) a selected set 16 of printer preferences 18).

At the time of the invention, it would have obvious to a person of ordinary skill in the art to obtain resources from an image processing apparatus. The motivation for doing so would have been to allow printer driver preferences to be reused among multiple client computers. Therefore, it would have been obvious to combine Vidyanand '728 with Scheidig '565 to obtain the invention as specified in claim 34.

Referring to **claims 35, and 36**, Streepy, Jr. '646 discloses a displaying step (col. 22, lines 10-15, the resultant menu displays show options as: show concept properties and add concept properties) of referring to the name-use information set to the obtained resources to display a list of the resources by using the display name corresponding to a language to be used (col. 12, lines 49-67, terms 124 are organized within language locales).

Scheidig '565 does not disclose expressly obtaining the resource from the image processing apparatus.

Vidyanand '728 discloses an obtaining step of obtaining the resources from the image processing apparatus (col. 8, lines 12-18, the settings submenu 98 includes controls for exporting 32 (FIG. 1) a selected set 16 of printer preferences 18).

At the time of the invention, it would have obvious to a person of ordinary skill in the art to obtain resources from an image processing apparatus. The motivation for doing so would have been to allow printer driver preferences to be reused among

Art Unit: 2625

multiple client computers. Therefore, it would have been obvious to combine Vidyanand '728 with Scheidig '565 to obtain the invention as specified in claims 35 and 36.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter K. Huntsinger whose telephone number is (571)272-7435. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached on (571)272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Peter K Huntsinger/  
Examiner, Art Unit 2625

Application/Control Number: 10/674,493

Page 12

Art Unit: 2625

/David K Moore/

Supervisory Patent Examiner, Art Unit 2625